

Figure 4 describes one embodiment of the invention and shows the scheme of a coating unit with several dispersing devices according to the invention.

Figure 5 describes one embodiment of the invention and shows a graph representing the average particle size as a function of the homogenizing pressure for various dispersing devices.--

IN THE CLAIMS: ✓

Cancel Claim 1.

Kindly add the following claims:

- 10030676.011102 A<sup>2</sup>
- 2. A process for the production of an aqueous two-component polyurethane coating emulsion comprising pumping a mixture of at least one polyisocyanate and an aqueous binder dispersion comprising isocyanate-reactive groups under a pressure of from 1 to 30 MPa through an adjustable jet disperser.
3. The process of Claim 2 wherein the jet disperser has a variable throughput.
4. The process of Claim 2 wherein the jet disperser comprises nozzle bores or slots.
5. The process of Claim 4 wherein the bores or slots can be opened and closed.--